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HDWR Global SecureEntry-AC100 RFID Card Access Control System User Manual

**User Manual
RFID Card Access
Control System
SecureEntry-AC100**

Contents

Specifications:

- Warranty: 1 year
- RFID Card Supported: 125 kHz
- Type: Outdoor Access Control System
- Interface: Wiegand 26/ Wiegand 34
- Additional Features: Wired Doorbell Control, Wiegand Output, Access Control, Switch Control

- Verification Type: RFID Card, Password
- Max. number of employees in the database: 1000
- Number of buttons: 13
- Access Control: Yes
- Voltage: DC12V±10%, Current: 0.1A
- Keyboard: Silicone keys
- Operating temperature: 0~45°C
- Storage Temperature: -20~60°C
- Operating humidity: 40%~90%
- Storage Humidity: 20%~90%
- Product dimensions: 13.5 x 9.8 x 3.5 cm
- Package dimensions: 11 x 6 x 2.2 cm
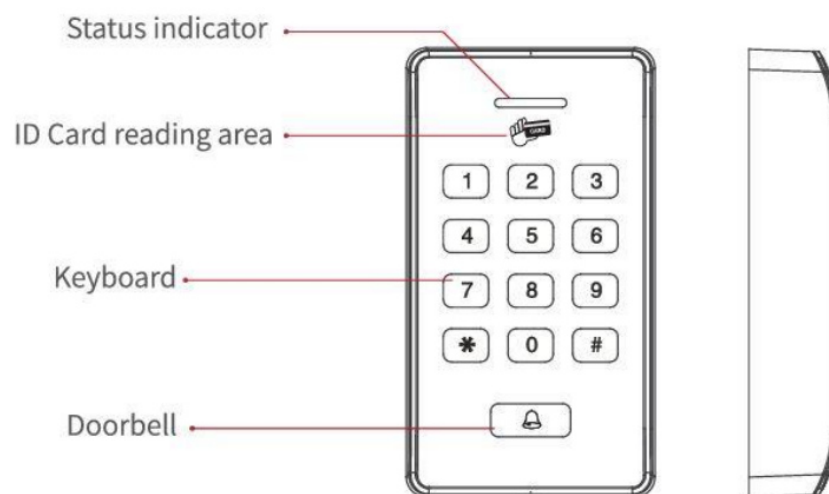- Product weight: 0.50 g
- Package weight: 100 g

Set contents:

- Access control system
- Screws and mounting plugs
- Manual

Features:

- Ability to verify and control access with RFID card and password
- Resistance to water ingress allows the device to be installed as an external access system to the building
- Equipped with the Wiegand protocol, it allows you to connect to a working time recorder
- Can be connected to an electromagnetic lock

Device description

Starting the device

Method 1

When the power is off, press and hold the Reset button on the back of the unit, turn on the power for 3 seconds, the unit will beep 3 long and 3 short beeps to let you know that the boot is successful.
Method 2
Enter programming mode, then press 197320 to emit 3 long beeps.

Entering Programming Mode

- Press *
- Enter the 6-digit programming password, default 123456
- When successfully entered, the LED will illuminate green and there will be two short beeps, and one long beep when unsuccessful. Press * to exit programming mode

Function settings

Changing the Programming Password

- Enter Programming Mode
- Press 0, then enter the 6-digit programming password and repeat the 6-digit programming password
- Two short beeps indicate successful setting, press * to exit programming mode.

Set a password to open the door

- Enter Programming Mode
- Press 3 and enter the 4-digit password
- Two short beeps mean successful setting, press * to exit

Note: two short beeps mean successful setting, press 3 and enter the 4-digit password to set the second group. A maximum of 5 password groups can be set. When more than 5 groups are set, the unit will emit 3 long beeps. To identify the password, press the 4-digit password and then press #.
Clearing all door opening codes:

- Enter Programming Mode
- Press 3 and enter 0000
- Two short beeps mean successful setting, press * to exit

Card Registration

- Enter Programming Mode
- Press 5 and enter a 3-digit number, then swipe the card
- When you enter the 3-digit number, two short beeps will sound, then swipe the card. Two short beeps indicate success. Press * to exit.

Note: In the number range 000-999, you need to enter a 3-digit number, for continuous registration, you need to press 3 digits and swipe the card.
Removing the Door Opener Card
Method 1

- Enter Programming Mode
- Press 6 and enter the 3-digit number
- Two short beeps mean successful setting, press * to exit

Method 2

- Enter Programming Mode
- Press 7 and drag the card
- Two short beeps mean successful setting, press * to exit

Setting the Home Card

- Enter Programming Mode
- Press 9, then enter 0000 and drag the card
- Two short beeps mean successful setting, press * to exit

Note: Only one master card can be set, multiple registration will overwrite the previous card.
Register a card with a master card

- In standby mode, drag the main card 3 times within 3 seconds
- Enter the 3-digit number, and then swipe the card you want to register.
- Two short beeps mean successful setting, press * to exit

Tamper alarm setting

1. Tamper alarm off: press 4 and then 0 in programming mode to set
   • Enter Programming Mode
   • Press 4 and then 0
   • Two short beeps mean successful setting, press * to exit
2. Turning on the tamper alarm: press 4 and then 1 in programming mode to set the alarm successfully.
   • Enter Programming Mode
   • Press 4 and then press 1
   • Two short beeps mean successful setting, press * to exit
3. Disarming the Alarm:
   Method 1: Power off and restart the device.
   Method 2: Enter the 6-digit programming password followed by #
   Setting the Relay Time
   • Enter Programming Mode
   • Press 2, then enter the time in two-digit form
   • Two short beeps mean successful setting, press * to exit

Note: The two-digit time range is 00-99, the unit is seconds, and the default is 3 seconds. When the card is successfully swiped, the green LED will be on, and when the time is up, it will turn off. If the value is set to 00, when you swipe the card or password to open the door, the door will be in the normally open state, and the LED will always be on.
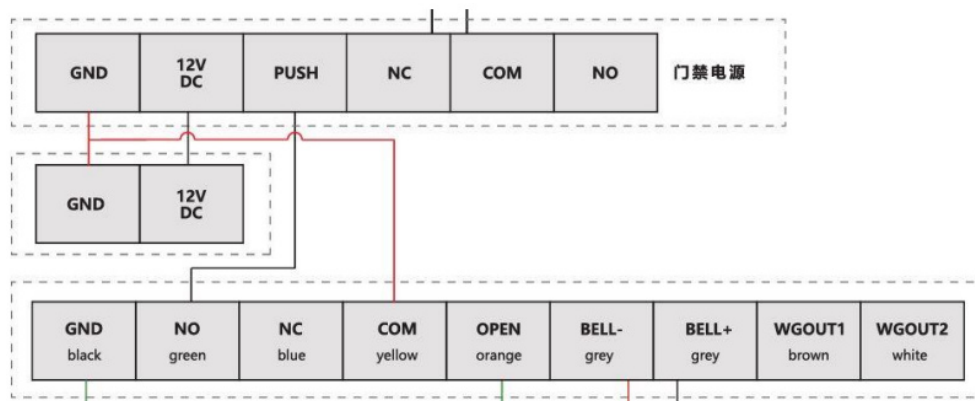
Permanent keyboard backlight

To turn off the permanent backlight mode:

- Enter Programming Mode
- Press 8 and then press 1
- Two short beeps mean successful setting, press * to exit

To enable the Constant Backlight Mode:

- Enter Programming Mode
- Press 8 and then press 0
- Two short beeps mean successful setting, press * to exit

Wiring

Remark:

1. The wiring diagram is for reference only. The specific connection method depends on the actual demand. If there is another connection method, please confirm it.
2. If the doorbell is 4-record, it needs to be connected to 12V and GND power supply, and the connection method for different doorbells is different.
3. Connect the wires when the power is off, then turn on the power after checking clearly.
4. Avoid reverse connection of positive and negative poles or short circuit of wires. Any damage to the appliance caused by improper wiring is not covered by the warranty.

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Documents / Resources

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References

- **[User Manual](#)**